

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.


Use of checklist for nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background

1. Name of proposed project, if applicable: [Krackel](#)
2. Name of applicant: [Stevenson Land Company](#)
3. Address and phone number of applicant and contact person: [Dave Wasgatt, 509-202-3555](#)
4. Date checklist prepared: [August 31, 2020](#)

*Reviewed by
S. Early
9/3/20*



5. Agency requesting checklist: Washington Department of Natural Resources & Washington Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable): Harvest may occur anytime.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. Forest Practice Application.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. No.

10. List any government approvals or permits that will be needed for your proposal, if known. Department of Natural Resources Forest Practices Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) Total clearcut harvest is 15 acres in three units. All of the proposed harvest area is inside the White Salmon SOESA and inside the 1.8 mile Northern Spotted Owl (NSO) circle #774. Harvest will occur outside of 0.75 miles from the nest site.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. Harvest within the NSO area of concern is located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, of section 8 in Township 7 North, Range 12 East in Yakima County.

Wk (State) (United States of America) no known street address is available

B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

1. Earth

a. General description of the site: Flat to gently sloped with conifer forest.

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

b. What is the steepest slope on the site (approximate percent slope)? 25%

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any

FPA # is 2706961

Additionally:
Proposed FPA notes
15 acre harvest
will yield 420 MBF, using all ground based equipment. No new roads are proposed.

Slope Stability
Model for project
area rates moderate
shallow - rapid
landslide
potential

88

agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. Bercumb, volcanic ash over basic igneous bedrock.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. No
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. There will be opening existing harvest spur roads. After harvest, water bars will be installed as well as final grading of roads
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. No, water bars will be installed on spur roads and any other roads that are required under Forest Practices Law.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? None
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: Water bar roads as specified by Forest Practice Law.

* Noted
* Noted

2. Air

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. During the harvest operations, there will only be emissions from logging equipment and log trucks. There will be emissions if the slash piles are burned. A DNR burn permit is required for burning any logging slash, this activity generally occurs in the fall.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. No.
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: None

* Noted

3. Water

a. Surface Water:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. This area is in the Klickitat River Basin. Water from this harvest area drains into Dairy Creek eventually flows into the Klickitat River. Streams are protected by leave tree clumps and an Equipment Limitation Zone (ELZ). This harvest is adjacent to the Hellroaring Irrigation Ditch.
- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. Yes, harvesting will occur outside of 50 feet of any stream except for the dry area above the perennial initiation point on Stream B. This area is protected by an ELZ. These protection measures meet or exceed the Forest Practice Law.

* Noted -
Also - a water
Type Modification
Form (WTMF)
was submitted w/
FPA # 270491 -
WTMF# is
SE-30-2000088



- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. Does not apply
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. No
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. No
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. No

b. Ground Water:

- 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. No
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. Does not apply

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. Does not apply
- 2) Could waste materials enter ground or surface waters? If so, generally describe. No
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. No

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: Water bars will be installed on spur roads and any other roads that are required under Forest Practices Law.

* Noted

4. Plants

a. Check the types of vegetation found on the site: [help]

- ☒ deciduous tree: alder, maple, aspen, other
- ☒ evergreen tree: fir, cedar, pine, other
- ☒ shrubs

- ☒ grass
☐ pasture
☐ crop or grain
☐ Orchards, vineyards or other permanent crops.
☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
☐ water plants: water lily, eelgrass, milfoil, other
☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered? Douglas-fir, Grand fir and Ponderosa Pine, Western Red Cedar trees will be harvested.

c. List threatened and endangered ^{plant} species known to be on or near the site. Northern Spotted Owl

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: None

e. List all noxious weeds and invasive species known to be on or near the site. None

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Black tail deer, Rocky Mountain elk, black bear, cougars, song birds

Examples include:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site. Northern Spotted Owl (*Strix occidentalis*) nest site is over 0.75 miles from the harvest. The Northern Spotted Owl is listed as a Washington State Priority Species. The DNR reported there is an excess NSO suitable habitat of 110 acres for Site Number. The harvest will reduce NSO habitat by 15 acres.

c. Is the site part of a migration route? If so, explain. No

d. Proposed measures to preserve or enhance wildlife, if any: Nest sites are not near the harvest area, therefore there will be no enhanced protection beyond Forest Practice Laws.

e. List any invasive animal species known to be on or near the site. No

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating,

Per FPRAM data base: no known T & E or rare plants

Additionally:
This area overlaps with buffer of a Northern Goshawk sitting/nest

NSO site #774's inner circle edge is ~ 0.5 mile from nearest proposed harvest unit.

Area is part of the Pacific Flyway for migratory songbirds

manufacturing, etc. Automotive gas and diesel will be used to operate the logging machinery and log trucks.

- b. Would your project affect the potential use of solar energy by adjacent properties?
If so, generally describe. No.
- c. What kinds of energy conservation features are included in the plans of this proposal?
List other proposed measures to reduce or control energy impacts, if any: None

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal?
If so, describe. Any logging operation has a potential risk of fire. Professional loggers follow all DNR fire regulations in case of fire. During fire season, working fire trucks must be on site at all times. If a fire occurs, the equipment on site can readily contain any fire. As for spills, the logging operations will have a spill kit to prevent any contamination of the site by oil or hydraulic fluid.

- 1) Describe any known or possible contamination at the site from present or past uses.

None

- 2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. Does not apply

- 3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. Fuel, hydraulic fluids and oil.

- 4) Describe special emergency services that might be required. Rural Fire Department and DNR fire crews for medical or fire emergencies.

- 5) Proposed measures to reduce or control environmental health hazards, if any: None

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? None

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. Operation of logging equipment including feller bunchers and log processors. About 16 loads per day of logs will be transported by log trucks.

- 3) Proposed measures to reduce or control noise impacts, if any: None

8. Land and Shoreline Use

If any hazardous or toxic spill occurs, or if contamination occurs, the Dept. of Ecology shall be notified.

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. No. Forestland, private and state, as well as grazing and hay production.
- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? Yes, this area has been used for long-term working forests as well as agriculture. There are no plans of converting this land to any other use.
- 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: No.
- c. Describe any structures on the site. None
- d. Will any structures be demolished? If so, what? No
- e. What is the current zoning classification of the site? Extensive Agriculture
- f. What is the current comprehensive plan designation of the site? Does Not Apply
- g. If applicable, what is the current shoreline master program designation of the site? Does Not Apply
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. No
- i. Approximately how many people would reside or work in the completed project? None
- j. Approximately how many people would the completed project displace? None
- k. Proposed measures to avoid or reduce displacement impacts, if any: Does Not Apply
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Areas of even-age regeneration harvest, will be planted with Douglas-fir and Ponderosa Pine seedlings to continue to grow timber on this site. All Forest Practice Regulations related to reforestation will be met.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: Same as response to question "L".
9. Housing
- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. None

noted

FPRM was checked. NO UGA conflict was noted

noted

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. None

c. Proposed measures to reduce or control housing impacts, if any: None

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? Does Not Apply

b. What views in the immediate vicinity would be altered or obstructed? The view will be temporarily modified by the harvest. Clumped retention, especially along streams will reduce the view of the even-age regeneration harvest. Within 10 years, established plantation trees will occupy the site giving the appearance of a forest.

b. Proposed measures to reduce or control aesthetic impacts, if any: Clumped retention as well as some scattered retention trees.

11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? None

b. Could light or glare from the finished project be a safety hazard or interfere with views? No

c. What existing off-site sources of light or glare may affect your proposal? None

d. Proposed measures to reduce or control light and glare impacts, if any: None

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity? Hiking and Hunting

b. Would the proposed project displace any existing recreational uses? If so, describe. Not long-term, the operations are on private land and the landowner does allow public recreation. During the harvest operations, recreational users will not be allowed in the area due to safety concerns.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: None

13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. None

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. None

USGS, Historic,
GL and FPRAM
databases were
checked. No
known sites or
conflict
8/9/2000

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. None

- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. None

14. Transportation

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. All roads are on private timberlands and DNR lands within Yakima County. All roads are rocky and dirt roads open to the public.

no street

- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? None

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? None

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). No

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. No

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? Up to 20 loads of log trucks per day from 5 AM to 3 PM, Monday through Friday.

- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. Hauling will have no impact on agriculture or forest products in the area.

- h. Proposed measures to reduce or control transportation impacts, if any: Safety Signs, like "Timber Harvest Ahead" will be placed on roads entering the active operations.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. No

- b. Proposed measures to reduce or control direct impacts on public services, if any. No

16. Utilities

So

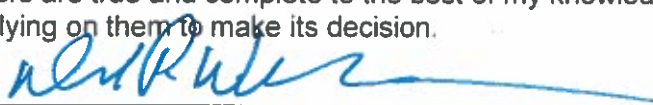
a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

b. Describe the utilities that are proposed for the project, the utility providing the service,
and the general construction activities on the site or in the immediate vicinity which might
be needed. None.

C. Signature

The above answers are true and complete to the best of my knowledge. I understand that the
lead agency is relying on them to make its decision.

Signature: _____



Name of signee David P. Wasgatt

Position and Agency/Organization Forester, SDS Lumber Company

Date Submitted: September 1, 2020

Review complete
S. Early 9/3/20



Krackel T7N R12E Sec 8 FPA Map

Map Coordinates
121°19'34"W 46°6'36"N

